

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions of claims in the application:

1. (Currently amended): An antireflection film having a hard coat layer prepared on one side of a transparent substrate directly or through other layers, and further an antireflection layer laminated on a surface of the hard coat layer,

wherein the hard coat layer is formed of an ultraviolet curable resin and has a n_d^{20} (refractive index at 20°C) which is 1.49 or more,

wherein the antireflection layer is formed by a dry cured film obtained from a solution comprising

a siloxane oligomer (A) obtained by condensation polymerization after partial hydrolysis of a hydrolyzable alkoxy silane that contains a tetra alkoxy silane represented by a general formula (1): $\text{Si}(\text{OR})_4$ (where R represents methyl group or ethyl group) as a principal component

and a compound (B) having a fluoro alkyl structure and a polysiloxane structure obtained by polymerization of a compound having a perfluoro alkyl structure and a hydrolyzable non-fluorinated alkoxy silane.

2. (Original): The antireflection film according to Claim 1, wherein the siloxane oligomer (A) is blended in the solution so that a solid content weight ratio of the siloxane oligomer (A) in the antireflection layer is 10 to 80 percent by weight.

3. (Canceled)

4. (Original): The antireflection film according to Claim 1, wherein a surface of a hard coat layer has uneven form and has optical antiglare property.

5. (Original): The antireflection film according to Claim 1, wherein the hard coat layer comprises fine particles.

6-7. (Canceled)

8. (Original): An optical element having an antireflection film according to claim 1 provided on one side or on both sides of the optical element.

9. (Original): An optical element having an antireflection film according to claim 2 provided on one side or on both sides of the optical element.

10. (Canceled)

11. (Original): An optical element having an antireflection film according to claim 4 provided on one side or on both sides of the optical element.

12. (Original): An optical element having an antireflection film according to claim 5 provided on one side or on both sides of the optical element.

13. (Original): A visual display provided with the antireflection film according to claim 1.

14. (Original): A visual display provided with the antireflection film according to claim 2.

15. (Canceled)

16. (Original): A visual display provided with the antireflection film according to claim 4.

17. (Original): A visual display provided with the antireflection film according to claim 5.

18. (Original): A visual display provided with the optical element according to Claim 8.

19. (Original): A visual display provided with the optical element according to Claim 9.

20. (Canceled)

21. (Original): A visual display provided with the optical element according to Claim 11.

22. (Original): A visual display provided with the optical element according to Claim 12.

23. (Currently amended): The antireflection film according to Claim 1, wherein ~~the compound having a perfluoro-alkyl structure is a non-fluorinated alkoxy silane represented by the general formula~~ the hydrolyzable non-fluorinated alkoxy silane is represented by the formula (1):
 Si(OR)_4 , where R represents methyl group or ethyl group.

24. (Original): The antireflection film according to Claim 1, wherein the hydrolyzable alkoxy silane is present in a ratio of about 1 to 100 mols to one mol of the compound having a perfluoro alkyl structure.

25. (Original): The antireflection film according to Claim 23, wherein the hydrolyzable alkoxy silane is present in a ratio of about 1 to 100 mols to one mol of the compound having a perfluoro alkyl structure.

26. (Original): The antireflection film according to Claim 24, wherein the hydrolyzable alkoxy silane is present in a ratio of about 2 to 100 mols to one mol of the compound having a perfluoro alkyl structure.

27. (Original): The antireflection film according to Claim 25, wherein the hydrolyzable alkoxy silane is present in a ratio of about 2 to 100 mols to one mol of the compound having a perfluoro alkyl structure.

28. (Original): A visual display provided with the antireflection film according to Claim 23.